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Résumés

The spider genus *Hersilia* in Thailand, with descriptions of two new species (Araneae, Hersiliidae)

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The spider genus *Hersilia* in Thailand, with descriptions of two new species (Araneae, Hersiliidae). - Our examination of a hersiliid spider collection from Thailand revealed eight species of which two species are new (*Hersilia serrata* sp. n. ♂, ♀, *H. thailandica* sp. n., ♂). Extended geographic ranges are recorded for *H. sundaica* Baehr & Baehr, 1993 and *H. martensi* Baehr & Baehr, 1993, which are reported from Thailand for the first time. *H. asiatica* Song & Zheng, 1982, which was previously documented from northeastern Thailand, is now also found in northern and southern Thailand. A substantial number of females from Thailand are similar to *H. striata* Wang & Yin, 1985, previously known from China, but can be distinguished by slight differences in their genital morphology.

Keywords: Taxonomy - new taxa - new record - biodiversity - distribution range.

Two new species of *Amynthas* (Clitellata: Megascolecidae) from lettuce fields of Mt. Taebaek, Korea

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Two new species of *Amynthas* (Clitellata: Megascolecidae) from lettuce fields of Mt. Taebaek, Korea. - Two new species of earthworms were found in a survey of lettuce cultivation fields, created by slash and burn. *Amynthas hasamensis* sp. n. and *Amynthas samgaki* sp. n. have simple intestinal caeca and no genital markings. *Amynthas hasamensis* sp. n. keys to the *hawayanus* group in Sims & Easton (1972) with three pairs of spermathecae in VI, VII, and VIII. Its male field areas in XVIII are complex with paired oval male discs bearing two transverse ridges with seminal grooves between the ridges. *Amynthas samgaki* sp. n. keys to the *morrisi* group with two pairs of spermathecae in VI and VII, and has a male field with large egg-shaped raised pads with transverse seminal grooves.

Keywords: Earthworms - *Amynthas* - Megascolecidae - Clitellata - Korea - lettuce fields - taxonomy.

Long-term study on the variability in duration of larval period and timing of metamorphosis in a salamander: a way to regulate dispersal

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Long-term study on the variability in duration of larval period and timing of metamorphosis in a salamander: a way to regulate dispersal. - In all animals undergoing complex life cycles (CLC) timing of emergence and completion of metamorphosis is critical for survival of the juveniles since the time available for dispersal is generally both spatially and temporally limited. Metamorphosis was studied in the laboratory over many years in several half-sib larval cohorts (*i.e*. each larval cohort born to a single mother on the same day, so that it consists of half-sib larvae of the same age). These larvae were born to freshly-collected females of an endangered salamander species *Salamandra infraimmaculata* Martens, 1885. The larvae were raised resource-independent (singly and food unlimited) and allowed to metamorphose. The post-metamorphs within the same cohort, varied in numbers, age, and size (mass, length) at metamorphosis. Moreover, cohorts differed among themselves in all these aspects. The findings show variability in timing of metamorphosis both within and among cohorts. An attempt is made to assess the evolutionary significance of this developmental aspect to dispersal of the post-metamorphs which is date-limited, and to the survival of the species.

Keywords: *Salamandra* - caudata - dispersal - larval cohorts - long-term study - metamorphic timing.

A new *Scutpelecopsis* Marusik & Gnelitsa from Romania (Araneae, Linyphiidae, Erigoninae)

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A new *Scutpelecopsis* Marusik & Gnelitsa from Romania (Araneae, Linyphiidae, Erigoninae). - A new species, *S. loricata* sp. n., is described from the southern Carpathians, Romania, differing from the two known congeners by details of the palp and epigyne conformation. All records of *Scutpelecopsis krausi* (Wunderlich, 1980) from the Caucasus actually refer to *S. wunderlichi* Marusik & Gnelitsa, 2009, thus the known distribution of *S. krausi* remains restricted to the type locality in Macedonia.

Keywords: Arachnida - dwarf spiders - new species - Carpathians.

Ceratophysella lobata sp. n. from Siberia with notes on *C. brevisensillata* Yosii, 1961 (Collembola: Hypogastruridae)

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***Ceratophysella lobata* sp. n. from Siberia with notes on *C. brevisensillata* Yosii, 1961 (Collembola: Hypogastruridae). -** *Ceratophysella lobata* sp. n. from Siberia (Russia) and Alaska (USA) is described. Notes on morphology and taxonomic status of the similar species *Ceratophysella brevisensillata* Yosii, 1961 are given.

Keywords: Collembola - Siberia - Alaska - taxonomy.

Taxonomie et répartition des chiroptères de Tunisie

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Taxonomie et répartition des chiroptères de Tunisie. - A partir d'une compilation des données publiées, y compris dans la littérature grise, le présent travail fournit une liste actualisée des 19 espèces de Chiroptères inventoriées en Tunisie ainsi que des cartes précises de leur répartition géographique. Avec six genres et dix espèces la famille des Vespertilionidae est la plus diversifiée devant les Rhinolophidae (un genre, cinq espèces). Hipposideridae, Rhinopomatidae, Molossidae et Miniopteridae sont représentés chacune par une seule espèce. Certaines espèces sont très largement distribuées (espèces méditerranéennes), d'autres sont seulement présentes dans le nord du pays (espèces paléarctiques), d'autres enfin sont inféodées aux zones désertiques du sud (espèces saharo-sindiennes). Trois espèces classées vulnérables et cinq espèces classées quasi menacées sur la liste rouge de l'U.I.C.N. devraient bénéficier de mesures de conservation.

Mots clés: Chauves-souris - inventaire - répartition - biogéographie - conservation - Tunisie

Taxonomic status and distribution of Tunisian bats. - An extensive review of the published and unpublished literature resulted in an updated list of 19 bat species for Tunisia. Provisional distribution was mapped for all of them. The family Vespertilionidae (six genera, ten species) is the most diversified, beyond Rhinolophidae (one genus, five species). Only one species each of Hipposideridae, Rhinopomatidae, Molossidae and Miniopteridae have been recorded so far. Some species are widely distributed over the country (mediterranean species), when others are restricted to the northern part (palaearctic species) and some are only distributed in the southern desert areas (saharo-sindian species). Three species are classified as vulnerable and five species are classified as near threatened according to the I.U.C.N. redlist; they should benefit conservation measures.

Keywords: Chiroptera - taxonomy - distribution - biogeography - conservation - Tunisia

A new species of *Siamoglaris* from Thailand with complementary description of the type species (Psocodea: 'Psocoptera': Prionoglarididae)

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A new species of *Siamoglaris* from Thailand with complementary description of the type species (Psocodea: 'Psocoptera': Prionoglarididae). - A new species of the previously monotypic genus *Siamoglaris* Lienhard, *S. theresiae* sp. n., is described and illustrated, based on three males from Thailand (female unknown). The female of the type species, *S. zebrina* Lienhard, is described for the first time and complements to the description of the male of this species are given. The generic diagnosis is revised. For the first time in Psocoptera, numerous thin-walled papilliferous spatulate setae (scent setae?) were observed on female gonapophyses and paraprocts; they are illustrated by scanning electron micrographs. Figures of female terminalia of the closely related genus *Prionoglaris* Enderlein are also presented.

Keywords: Prionoglaridinae - *Prionoglaris* - scent setae - living fossils.

Centrorhynchidae (Acanthocephala) including the description of new species of *Centrorhynchus* from birds from the Côte d'Ivoire, Africa.

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Centrorhynchidae (Acanthocephala) including the description of new species of *Centrorhynchus* from birds from the Côte d'Ivoire, Africa. - Centrorhynchidae, including *Centrorhynchus chabaudi*, Golvan, 1958, and two new species *C. mariauxi* and *C. halcyonicola* are reported from the Côte d'Ivoire, for the first time. The new species are distinguished from congenerics by a combination of proboscis armature and the morphometrics of the male reproductive system.

Keywords: Parasite - Acanthocephala - *Centrorhynchus* - Africa - Côte d'Ivoire - birds - *Accipiter* - *Halcyon* - *Kaupifalco*.

Heptapterus mbya (Siluriformes: Heptapteridae), a new species of catfish from the Paraná river basin, in Argentina

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***Heptapterus mbya* (Siluriformes: Heptapteridae), a new species of catfish from the Paraná river basin, in Argentina. -** We describe a new species of heptapterid catfish of the genus *Heptapterus* from the streams Cuña-Pirú, Azul, and Moreno, in the province of Misiones, Argentina. *Heptapterus mbya* sp. n. is distinguished from all other congeners by dark plumbeous body and a low number of anal-fin rays that are branched (11-12) out of a total number of 15-17 anal fin rays, a large eye (13.8-17.9 % of HL), prepectoral distance 31.9-37.8 % of SL, distance between the last dorsal-fin ray and the adipose-fin origin 5.24-8.33 % of SL, adipose-fin base 47.4-58.5 % of SL, 13 principal caudal-fin rays, and 10-13 gill rakers on the first arch.

Keywords: new *Heptapterus* - Southernmost South America - Neotropical ichthyofauna

Note sulle *Typhloreicheia* (Holdhaus, 1924) siciliane del "gruppo *praecox*" con descrizione di una nuova specie (Coleoptera Carabidae: Scaritinae).

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On Sicilian *Typhloreicheia* (Holdhaus, 1924) of the "*praecox* group" with description of a new species (Coleoptera Carabidae: Scaritinae). -Taxonomic status of taxa belonging to *Typhloreicheia* "*praecox* group" is discussed and a new species from western Sicily differs from all the other known taxa in the external morphology and its aedeagus shape is described. Also included are images, dichotomic keys and distribution maps for all the sicilian species.

Keywords: *Typhloreicheia* - New species - Taxonomy - Sicily - Italy - Key to species.

An annotated list of the Orthoptera (Insecta) species described by Alphonse Pictet (alone, and with Henri de Saussure) with an account of the primary type material present in the Muséum d'histoire naturelle in Geneva.

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An annotated list of the Orthoptera (Insecta) species described by Alphonse Pictet (alone, and with Henri de Saussure) with an account of the primary type material present in the Muséum d'histoire naturelle in Geneva. - Pictet described 193 species or subspecies, most of them in collaboration with Saussure. The names are listed alphabetically, and the location of the type material (if known) and the current nomenclatural combination are given. When there is primary type material in the Geneva Natural History Museum (MHNG) the sex, label data and condition of the specimens is given, along with their location within the collection.

Keywords: Ensifera - Caelifera - type-catalogue - Biologia Centrali-Americana.